The lars should be boiled for fifteen minutes before they are used. When

the marmalade is cool pour hot melted

paraffin over the top to seal it and

rine. Wash and stem the fruit. Sep-

hen put on the cover

cover and cool

autumn, if good strong roots are set conditions will permit. An extra hour to seed. Cut out the seed stalks. out, will get an early start and of daylight saved and devoted each

flower next season. varied assortment of colors, and va- to the best and highest in mankind. One part of Persian insect powder rieties that flower early, medium and Their refining and comforting in- mixed with four parts of air slaked

likely to result in inferior varieties crease the joy of those who are fortu-that will prove unsatisfactory when nate or happy. If ever we needed powder must be fresh, not only re-

Egyptian or perennial onions set during September require no winter protection. They come up year after year. The bottoms divide and young green onions as soon as plant life starts in the spring. The new bulbs are formed on the tips of the stems and can be planted in the can scarcely be surpassed for their autumn. A good plan is to have a profusion of showy, attractive flowers permanent bed of these onlons to pro- and their abundant crops of large duce the sets year after year, which green onions in the spring. The price cents a pound.

Keep on cultvating the gardens throughout the summer. This keeps the weeds down and the vegetables growing. Cultivation is quite as essential in the flower garden as in the vegetable plot. Only shallow cultivation is needed, leaving the topsoil in a well pulverized condition

During the hot weather the bugs, weeds and plant diseases keep busy and the gardener must keep after them to permit the crops to mature.

Drought in some sections, coupled with attacks of aphids or lice, has caused great damage to the potato crop in New York and New Jersey. in other sections has been troublesome.

Thin out strawberry plants when a very large percentage of potash, is they become matted. Crowded plants at this time of shortage of potash will produce only a poor crop next

Stop cultivating bush fruits in August, but keep on cultivating strawberries until the close of the growing

Potted strawberry plants set out early peas are out of the way that ow will produce fruit next season space may be utilized for planting the same as field grown plants set out baby's breath, gladioli, nasturtiums

De not permit trees to die for want of water in the dry season. In watering trees give them a scaking and water will not be required for some time. Frequently one watering in a season will save the life of a tree.

When black raspberry vines bend over, each tip buried in the soil and saver" in many ways. It is so sugheld in place with a peg or stone will take root and send up new shoots next tables to gather at the same time spring. The new plants can be cut from the parents and transplanted.

#### LEVEL CULTIVATION BEST FOR CORN.

Twe Suy has long maintained that

"Cultivating corn level, not ridging them can safely leave them in piles moisture and adds a few more bushels and straw, so far as danger from have their uses. to the yield. Ridging exposes a freezing is concerned. greater surface from which soil moisture can evaporate, and at the same where they were grown, but it is diffitime corn roots are cut off by the cultivator.

fication should not be sent in an entight box properly wrapped with the plan is to store the vegetables entirely name and address of the sender on the wrapper. Put some of the food plant drained location. in the box with the insects and do not punch holes in the box or wrapper. Insects carry best in tight boxes. Address boxes and letters to Insect Ser- any that are broken, insect eaten or is also a pyramid form of the silver is applied there is waste; if too little vice. College of Agriculture, Ithaca, di

# A COMBINATION WAR TIME tity. If more than one kind are to GARDEN.

The vegetable garden has certainly come to its own. Never has the gentle art of raising vegetables received such tultous and promiscuous advice on vegetable growing been disseminated. Unfortunately much of this in-formation has been so impracticable or conflicting that it is no won- them with layers of straw. Cabbages der that many a beginner has been completely bewildered or discouraged. In their excessive enthusiasm some writers have advocated gardening schemes that are far from feasible, straw. Place boards or poles on the Others, not satisfied with trying to discourage the cultivation of flowers, "the ing away. Leave the pile in this constars of the earth," have endeavored dition until light frosts and then cover also to restrict even the production of with a foot of earth, pulling a handfruit, contending that fruit is not ful of straw through the top for ventiessential as food and that the time lation. Allow the pile to remain in spent in its cultivation is therefore this way until winter sets in, when anand nourishing and has considerable of earth is added. No ventilation is medicinal as well as food value, and if needed through the second covering ly in the section where it is raised, through very severe winters. source of great waste would be checked, a saving of less perishable so when opened the entire contents though the maples seem especially foods thus made possible and some of the congestion caused by the transportation of the fruit lessened. Another extremist urges the ploughing up of foundations, like the foundation of a in the arboretum since 1888. This tree one's flower garden and lawn and the house to about a foot above originated in a nursery in Alsace. planting of potatoes in "such useless ground. The floor is cemented. The There are fastigiate forms among marmalades are prepared from the butter is melted; add the flour, mix While conceding that the potato stands very high as a "wheat saver" and should for that reason if another set of roof boards, shingled. Pine trees in the arboretum have erect in consistency, with the pieces of the seasoning and flavoring. for no other be planted freely, yet A passageway is in the centre with branches, which give them a most distinct or peel suspended in it. The same surely there are more suitable plots bins on each side. The bins have tinct and unusual appearance. They fruits are used as for jellies, since in for the cultivation of this wholesome movable partitions, so the size can be have been raised from grafts taken but humble tuber than on the front enlarged or reduced. For even in these serious times, when we must all adapt our-selves to so many new and changed conditions, suitability may still claim plainly and conspicuously with a pyramidalis, raised by Robert Douglas some consideration. It is not yet statement of the quantity of the net years ago in his nursery at Wauke- come by letting the marmalade cool with boiling water. Let stand three necessary to starve the soul to feed the contents, either by weight or measure. gan, Ill. It is a smaller plant than somewhat in the preserving kettle. minutes, drain and cover with cold body, and though it may be expedient. Shippers who violate the law by fail- the fastigiate cypress common in for- Just how much this should cool can be water. Let stand thirty minutes, drain

ers that we have, particularly peren- ble to criminal presecution,

day to the care of our flowers will Buy named varieties, selecting a bring its own reward. Flowers appeal plants after the heads have formed. late, to prolong the season of bloom. | fluence is far reaching. They bring lime dusted on the plants often To simply buy peonies and igis is consolation to those in sorrow and in-enough to keep them covered will that will prove unsatisfactory when nate or happy. If ever we needed they flower with the result that the planting will be done over again. Do need it now, Give up one's flowers entirely to cultivate vegetables? Em-

ioned tall growing sunflower near each hill of beans and let creaseback.

lima or other climbing beans twine

around the stalk. Keeping most of the

large leaves trimmed off the sunflower

plant will tend to make the stalk grow

mit additional sunlight to the clinging

bean vines. When mature the seeds

as a poultry food, the stems and stalks

are useful as fuel and the ash obtained

by the burning, containing as it does

vegetables. They harmonize and thrive

together. Few ferns furnish a finer

background for flowers than the deli-

cate, lacy leaves of the carrot and

such flowers as sweet peas and gladioli

actually seem to give better results if

planted in the vegetable garden. When

and other flowers that will bloom at a

late planting. If flowers are planted

gestive and easy while getting vege-

flowers for table or house decoration

that even the busiest housewife can

always spare a few moments to adorn

STORING VEGETABLES.

Pits are sometimes used on an ele

In selecting vegetables for storage

eased, as they will cause rot.

should be placed top end down, roots

Make piles not over three feet high

It is well to make the piles small

A root cellar has given years of

Fruits and vegetables packed for

can be taken into the house at once.

BERTHA BERRERT HAMMOND.

the home with flowers.

very valuable for fertilizing.

Try interplanting flowers

of the sunflower find a ready market

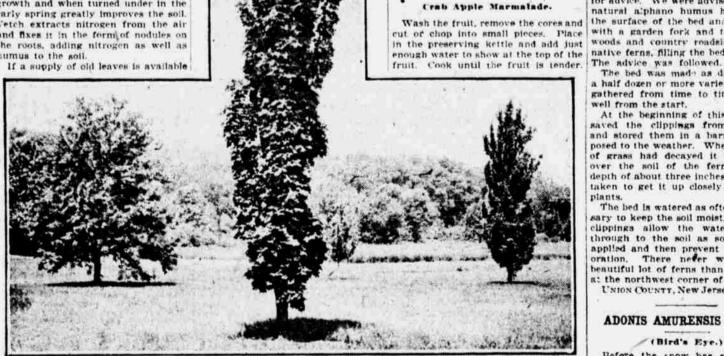
phatically "No:", "Man cannot live by crop use half the quantity of rye bread alone." Fortunately there are a number of a half bushel of rye to the acre. plants from which one can obtain flowers and food. The nasturtium

Do not use poisons on cabbage

#### COVER CROPS FOR THE GARDEN. bears a beautiful flower and its pun-

gent seed is excellent for pickling pur-Cover crops are quite as important poses. The scarlet runner bean and its cousin, the butterfly runner bean, for the small garden as for farm fields Parts of the garden, vacant during September, should be spaded and well and their abundant crops of large covered with hydrated lime. A plot edible beans that can be used either 200 by 200 feet will require from 1,000 can be planted in the autumn for as string or shelled beans. Climbing to 2,000 pounds, smaller plots in probeans may be used to advantage to portion. Lime is not a fertilizer, but at the present time, August 6, is 40 cover and beautify unsightly stumps. It neuteralizes acid soil and makes inert plant food available. fences, sheds or even the porch trellis.

They will cover as quickly as the usual Rake the lime into the soil and sow annual vines and the foliage is quite rye or vetch. Rye is an excellent as ornamental. You will then have not humus agent as it forms a fibrous root only shade but many a meal of nour- growth and when turned under in the ishing beans besides. As pole beans early spring greatly improves the soil. yield a food that is rich in protein. Vetch extracts nitrogen from the air raise plenty of them. Instead of erectand fixes it in the form of nodules on ing bean poles, which are not only un- the roots, adding nitrogen as well as sightly but in many localities quite humus to the soil. difficult to obtain, plant an old fash-



of lettuce may be used effectively as spading, turning them under-edging plants. Enclose the combina-

tion garden with a hedge of dahllas, or washing of the soil. One-third rye somer flowers than the parents occa- reached, as indicated by the flaking or linto finely cut fernike leaves. give it a reasonable amount of care and two-thirds vetch may be sown to- sionally occur among trees and shruls sheeting from the stirring spoon. Pour ftem grows about twelve inches high, and in due season the garden will prove most useful, convenient and times. Such a garden is a "time spring.

# NATURE.

perimental work quite apart from the cles decided individual characteristic efforts of man to interfere with the may be developed. Close to the adusual order of things. Indeed, man ministration building there is a large often finds it best to follow in the trail floribunda crab which holds its fruits she blazes. Some of the most interest- much longer than any other specimens ing and valuable trees and shrubs of this tree in the grounds. The Sun has long maintained that level cultivation for corn was better than the hilling system. The Ohio Agricultural Experiment Station says:

"Cultivating corn level, not ridging that the properties of potatoes, cabbages, beets, carrots and turnips for winter use with discovered by various alert persons out sufficient cellar room for storing and rounded up for cultivation. Some have not done more to create new or hilling soil around the stalks, saves in the garden, protected with earth are simply freaks, yet even they may have given much attention to rhodo-

Parsnips are hardy and can be left cult to get them out when the ground boretum in Jamaica Plain, near Boston, ing variations in coloring. Visitors to is frozen, and they may be dug and Among the most interesting of the the wonderful laurel collection near bath, he found there is a tall, slen- the South street entrance to Farmers make permanent, frost der form of the sugar maple. This boretum are sure to note and comcan be maintained by level cultivation. proof cellars of various kinds, where fastiglate maple immediately reminds ment on this fact. Perhaps man will Hilling corn requires deep cultivation fruits and vegetables are safely stored one of a Lombardy poplar, and in time take a hand after a time and help to to bring soil from the middle of the through the winter until wanted for may be substituted for it by landscape give the laurel the position which it row up to the stalks. Such deep cul- market or table use, but the average architects, for it is a handsomer tree, ought to fill. tivation cuts off many roots. Yields gardener has neither room nor re- although making less rapid growth. were reduced four bushels to the acre quirements for a permenant place of The original-tree of this columnar this kind and is obliged to use a make- form was found in a Newton, Mass.

Another maple in the arboretum vated site where the drainage is good. but pits sometimes are damp, causing tioned has a similar upright habit, farm or garden. velope, but should be packed in a small the vegetables to decay. The safest although it is a little broader. This is called the Simplex Soil Testing Maabove ground, choosing a high, well botanical name of acer rubrum colum- to test their soil and learn just ex nare. The graft from which the arbo- actly what it needs. return specimen was raised came from | Soil that is zeid, as most zoils are, particularly carrots, turnips, beets Long Island in 1889, and nothing fur- needs lime. Ordinarily the quantity and cabbage, be careful to remove ther is known about its origin. There supplied is guesswork. If too much

> separately, if there is sufficient quan- specimens at present. Nature has not spent all her efforts, required. The soil tester shows the though, in producing abnormal maples exact amount needed, with an upright growth. Occasionally Soils in various fields and parts o of acer plantanoides globosum.

of growth. Sometimes the leaves are freedom from acidity is concerned. altered to such an extent that a most and cover them with about a foot of remarkable effect is produced. In the that of the Eagle Claw maple, which not only divided, but are twisted and curled in such a way that they really suggest a great bird claw. Visitors to the arboretum often account for the wasted. Absurd! Fruit is wholesome other foot of straw and another foot unusual appearance of this tree by saying that it must have been attacked by some new insect pest or

This will keep the vegetables perfectly fungus frouble Of course Nature has not kept to the maples when producing new forms, alsusceptible to variation. There is very handsome upright tulip tree. excellent service, made with stone specimen of which has been growing roof is roofing boards covered with a many other trees too, including the some years ago from a tree then growing near Stamford, Conn. The hand-

in borders or beds the various varieties spread these over the surface before is well suited to replace that tree in For each quart of material add one and the gardens of this country.

gether. About one bushel of vetch will with conspicuous blossoms. The crab- into hot, freshly sterilized jars, cover be required to sow a plot 200 by 200 apple called Malus Arnoldiana is an and cool. peculiarly suited to these unusual feet. Turn the crop under early next example. This tree appeared in the arboretum several years ago among seedlings of Malus floribunda, but the flowers are more than one-half larger than those of the older tree and the fruits are larger too. Nature is always doing a little ex- Even among plants of the same spe-

of the things which Nature produces forms of the mountain laurel. They dendrons, but the laurel, although There is no better place to study the equally beautiful, has been neglected. unusual forms assumed by different Nature, however, has not been idle trees and shrubs than the Arnold Ar- and has brought about several charm- sterilized jars and boil (process) for

# TEST THE SOIL.

It is a comparatively simple and and planted not far from the one men- interesting matter to test the soil of a red maple, and has been given the chine enables gardeners and farmers

maple which originated in Europe, there is also waste, as a larger appli-It is best to store each vegetable but the arboretum has only small cation would increase the crops out of proportion to the additional amount

> she has tried the variation of keeping the farm and garden vary. Some may HOW TO COOK CHINESE CABa tree very close to the ground and to not be acid and therefore require no illustrate this fact the arboretum is lime; whatever might be applied growing a wonderful round headed would be wasted. Some spots will re-Norway maple blessed with the name quire applications at the rate of a At- ton to the acre, others only half the though this tree was planted in 1888, quantity, so the machine will save it is only eight or nine feet tall now its cost over and over. At the same ing Chinese cabbage, a Baltimore maple are confined to unusual habits soil is in proper condition, so far as

"Home and Farm Food Preservastraw. Place boards or poles on the case of the cut leaf maple this effect piles to prevent the straw from blow- is delightful, but quite the contrary in canning story in a concise and intercanning story in a concise and interis actually a freak. The leaves are plaining the various operations. The with esting manner, with illustrations exprinciples and methods of food preservation are fully explained: Why food water, return to saucepan, cover with spoils, ways of preventing spoiling boiling water, and boil twenty-five canning fruits, vegetables, meats, fruit juices, syrups; jellies and marmalades. fruit and vegetable drying, making vinegar, salting and pickling. Price \$1.50. The Macmillan Company, New York.

# MARMALADES

Marmalades are similar to jellies, the distinction being that jellies are made from the cooked out juice only, while juice with some of the fruit included. foot of straw, well packed; on this is conifers. Some of the young white Good marmalade is clear and jellylike these also pectin and acid are required. The fruit or peel should be boiled for a short time until tender, otherwise somest conifer of this type in the ar- it will be shrivelled and tough. interstate shipment must be marked boretum, though, is Thuya occidentalis

Sometimes the fruit or peel rises to the top of the jar. This may be overto curtail expenditures of time and ing to properly mark the quantity of mal gardens all through southern Eu- determined by pouring a small quanmoney, let us care wisely for the flow- the contents of each package are lia- rope, but Prof. Charles S. Sargent, di- tity of it into a jelly glass and observe

a half pounds of sugar and cook over The rye or vetch prevents leaching Natural crosses which produce hand- an even fire until the "jeiling point" is

## Vegetable Marmalades.

Vegetable marmalades may be made at small cost from products from the home garden. The vegetable marmalades contain a smaller proportion of sugar than those made from fruits. are made of combinations of vegetables, sugar and fruit Lemon juice is usually used and other fruits are sometimes added. Each of the following recipes makes about one pint of marmalade:

Two cups ground carrot, one and one-half cups of sugar, two lemons. two teaspoons ground ginger root look the carrots until tender. Add the sugar. Quarter and cut the lemons in thin slices. Cook slowly until thick without stirring. Pack in hot, freshly five minutes in steamer or hot water

# Peppers.

One cup ground carrot, three-quarters cup chopped peppers, one lemon, one cup unpeeled rhubarb, one cup sugar, ginger root if desired. Cut the rhubarb in one-quarter inch slices and make according to directions for carrot marmalade

# Ripe Tomato Marmalade.

Twelve medium sized tomatoes one and one-half lemons, one and threequarters cups sugar. Peel and slice the tomatoes thin. Remove as many seeds as possible and make according to directions for carrot marmalade.

Use new rubbers in canning. Old rubbers are sure to cause more or less loss. New rubbers are cheapest in

In response to a request recently

published asking for recipes for cookhe stored in the same pit, separate and with greater breadth than height, time the farmer or gardener will have reader sends the following which are tablespoonfuls of sulphur and a like All of the curious variations in the the satisfaction of knowing that his credited to the W. Atlee Burpee Com- quantity of air slaked lime and boil for pany. Philadelphia:

### Creamed Chinese Cabbage. One head of bleached Chinese cab-

page. Two cups cream sauce. Wash and cut the cabbage into half inch pieces, put into saucepan, cover until cold, then drain, rinse with cold minutes. Drain and cover with sauce, How to make the sauce:

Four level tablespoonfuls of butter or butter substitute. Four level table-spoonfuls of flour. Two cups of cold milk. Two level teaspoons salt. little pepper, quarter teaspoon of grated nutmeg or one teaspoon of mion. One teaspoon Worcestershire sauce.

Put butter or butter substitute into saucepan; if onion is used add when until smooth and add cold milk, slowly stirring it so it will not lump; add

#### Chinese Cabbage Salad One head of bleached Chinese cab-

bage. Half cap French dressing Half cup mayonnaise.

Wash and cut the cabbage into half inch pieces the same as celery is cot for salad. Put into bowl and cover dressing, line salad bowl with shredded rector of the arboretum, says that it ling whether the slices tend to rise. If lettuce, put cabbage in centre and manure.

they do the sample should be returned | cover to the kettle and the whole allowed to dressing.

cool a little more. A little practice will It adds very much to the salad if

# A SUCCESSFUL FERN BED.

one-half the grapes are a little under- it can be. The soil in this particular bed was arate the skins from the pulp and cook red clay, thrown out when the excathe pulp in an agateware saucepan vation was made for the cellar, that until the seeds are liberated. Pass is, what soil there was. There were through a sieve or colander to remove more rocks than soil. A little work long green grass. the seeds. Place the skins in a sauce- daily in the bed for a couple of weeks pan, add a scant half pint of water for with pickaxe and spade finally reach quart of skins, and boil until ten- sulted in removing many of the stones der. A thin slice or two of lemon may and supposedly loosened up the soil be added if desired. When tender add to a depth of a couple of feet. Manure this to the pulp, and measure the mix- was worked into the soil and a bed ture into a preserving kettle. Bring to made of the plants usually recomboil, and then add one pound of mended for shady places, but without sugar for each quart of material. Cook satisfactory results. For two or three duces large litters and is a good over a steady fire until the "jelling years different things were tried but point" is reached, as indicated by the only resulted in failure. Lime, ashes flaking or sheeting from the spoon, and fertilizer were used. Pour into hot, freshly sterilized jars,

the Garden Department of The Sun heavy carcasses. The hog multiplies for advice. We were advised to spread rapidly, brings returns quickly and natural alphano humus heavily over the surface of the bed and work it in cut or chop into small pieces. Place with a garden fork and to go to the in the preserving kettle and add just woods and country readsides and dig enough water to show at the top of the native ferns, filling the bed with them.

The bed was made as directed with a half dozen or more varieties of ferns gathered from time to time, and did well from the start.

At the beginning of this season we saved the clippings from the lawn and stored them in a barrel left exposed to the weather. When this mass of grass had decayed it was spread soil of the fern bed to a depth of about three inches, care being taken to get it up closely around the

The bed is watered as often as necessary to keep the soil moist. The grass clippings allow the water to wash through to the soil as soon as it is applied and then prevent rapid evap-oration. There never was a more beautiful lot of ferns than in this bed at the northwest corner of our house. Union County, New Jersey, A. H.

# ADONIS AMURENSIS FL. PL.

Before the snow has entirely disappeared in the early spring a delicate dark brown stem pushes its way up through the cold ground and branches but doce not stand erect, assuming a potash syndicate expended millions meat values of his stock considerable position which may be caused of dollars in this country in booming what market demands can be formed by the stock considerable position. the extreme ends.

When the bud of the flower first appears it is tightly closed by the outer petals of dark brown, which reuntil a fan of yellow opens almost flat, but a small fraction of the exporing a tiny green eye in the normally used for agricultural pur-centre. As the flower matures the poses fertilizers have contained little is the first of the perennials to flower n the spring.

The habit and form this Japanese plant possesses makes it exceedingly attractive when massed between rocke, where it may droop over the boulders and fill in the crevices.

R. A. GIBLIN.

# FAILURE OF RASPBERRIES. There has been some complaint from

crop of raspberries this season. Daspherries require ample mois-

ture, particularly from April to July. During the spring we usually have the advent of potash. Germany has sufficient rain, but the plants are likely to suffer from lack of water dur. make superphosphates, being depending June and July, when the plants ent upon the United States. Algeria should be well soaked several times and Tunis for her supply of this basic Where a few bushes are required

produce a maximum amount of fruit to supply the table let the lawn sprinkler run all night, showering the plants. Start the sprinkler on retiring and shut it off on arising in the morning. Use a sprinkler throwing a fine spray, so the flow of water will not be so heavy as to wash the soil. A mulch of stable manure spread

out over the roots of the plants in the early spring will prove beneficial Bone meal and commercial fertilizer should also be given. Cut out the old canes from rasp-

berries and blackberries as soon as the plants have finished fruiting and do not let the soil dry out until frost arrives.

# FOR MILDEW.

An old Scotch gardener says for plants subject to mildew take two ten minutes in five and a half pints of water, stirring continuously. Allow to cool and when settled pour off the liquid into bottles and cork. Use one part of this stock solution to 100 parts of water.

Plants likely to be affected should be syringed every three weeks, and mildew then will seldom appear. Plants badly affected before treatment have to be syringed three times in suc-

said, placed over an ink spot on white goods will remove the spot, and peach stains wet with cold water spread thickly with cream of tartar and placed in the sun will disappear.

A thick slice of ripe tomato, it is

Rhubarb should not be pulled when the stalks become few and thin. Give the plants a mulching of manure, which will improve the supply for

If the ground is hard, file the edge of the hoe with a large flat file until he hoe edge is sharp. This will make the work comparatively easy,

If lima beans are kept picked as fast ar they mature, the larger the crop will be.

A hoe should not be used in welestablished asparagus beds. Take out and shake until dry. Mix with French | the weeds by hand. Encourage growth by means of fertilizers and liquid

# VEGETABL

to the ground. At least one healthy bud attached to a bank draft cool a little more. A little practice will the dressing is flavored with a half the dressing is flavored with a half the dressing is flavored with a half teaspoonful of scraped onion.

It adds very much to the salad if or young branch should be left on amount of the goods. Have the draft teaspoonful of scraped onion. as the plants may die back from one goods are to be delivered.

When the draft arrives the bank are rainy weather.

A good plan is to let the sweet clover instruct the bank to hold the draf If there is a more difficult location hay remain in the swath until it until the goods arrive at the freight for a flower bed than a corner of a is well wilted, or just before the station. On the arrival of the goods Best results will be obtained if about and south sides I do not know where then be raked into windrows and signee, who can if desired call at cocked at once. Make the cocks as high and as narrow as possible, as this The draft with the bill of lading at permits better ventilation.

In stacking sweet clover use a foundation of rails or posts and roof with the freight agent, who in turn will a

## DUROC HOGS.

The old red sow has paid many mortgages, bought necessities and luxuries for the families of a host of breeders and supplied meat for home and foreign consumption. She pro mother.

Duroc sows are tractable and easy ind fertilizer were used.

Finally as a last resort we asked which enables them to carry their continuously and turns much fertilizer back to the farmer.

> The National Swine Show and Exposition, the biggest event of the year for hog breeders, will be held at Cedar Rapids, Ia., Sept. 30 to Oct. 5.

Lambs are graceful, attractive animals and make good lawn mowers, at least ten hens, which should pro-They may be permitted to roam over the lawn or can be tied to a stakeby fitting a leather collar loosely about the neck of the lamb. But an fron ring on the collar and tie the rope to the ring. The lambs soon become customed to the keeper and the rope can be dispensed with.

In housing lambs give plenty of air and clean drinking cans. bran and cornmeal mixed with a little water every couple of days. Summer rain does them no injury, in fact it is

Wool is over one dollar a pound and scarce; lamb chops are sixty cents; both are going higher.

## POTASH AND THE CROPS.

oard of directors of the American the dealers any consumers do Agricultural Corporation, says there is recognize breed differences in poul no better illustration of the influence except as in a few localities particularly of German propaganda than the ex- breeds may be generally kept and m aggerated opinion held by the American public as to the value of potash trade lines for excellent table qual as a fertilizer. "For many years be-fore the war," he says, "the German planning how to make the most of the potash creed until our farmers be- with poultry of the breed which came obessed with the idea that potash exerted an almost magical influence on

crop production. "Since 1914 the United States has Unite Economy and Patriotism by Plant main in this condition every night, but been unable to import potash from as the day develops the bud expands Germany, and as we have produced eye becomes larger until its green or no potash. This is especially true petals overlap those of the yellow and of the last two years, and yet this the bloom remains open constantly. It country has in sight to-day the largest crops ever produced in her history, salapted to all solls ripering latest, including the invalue while Germany's crops are, from all Hybrids and seven superb Ey crops ever produced in her history, accounts, far below their normal yields before the war, though she has doubtless used excessive quantities of potash in an effort to minimize the effects of J. T.LOVETT, INC., Box 222, Little Silver. the dearth of phosphates. Other countries also have grown normal crops since the war without the use of

potash. "This emphasizes the fact that phosphoric acid in the form of superphosphates is far more importaamateur gardeners regarding the poor production than potash, as was long ago demonstrated in this country, when phosphatic fertilizers were used successfully for over twenty years before no mineral phosphates with which to raw material

"While potash is valuable as a fertil izer for strengthening the stalk and improving the quality of some crops, phosphoric acid is the essential element for the production of the grain 46 feet GUARANTEED. and fruit of all crops.

more than we need her potash, and the higher next season. longer the war lasts the more anxious she will be to get our phosphates in exchange for potash.

"As to our own production of potash, I see but little encouragement at present for the belief that the United States SPRING will eventually be able to produce her own normal supply unless deposits of actual potash salts should be discovered in this country, which is by no means improbable.

# ORDERING FARM IMPLEMENTS. FERTILIZERS AND IN-SECTICIDES.

The United States Department of Agriculture and the State College of Stock from hendquarter are to order their fertilizers, sprays or west, prices right. Her and implements early, but do not state what is meant by early.

some cases goods from Indiana and Ohio have been delayed in transit for long periods owing to the congested condition of the railroads. This apdies particularly to goods shipped by freight. In ordering goods of this kind, place

the orders far in advance of the time the articles are wanted. Have the HAY VIEW FARM, North

notify the consignee, who in turn can tached can then be taken up at n bank, the bill of lading presented liver the goods to the consignee and

all concerned are fully protected By ordering in this way the goods not paid for until they are ceived.

#### FUNDS FOR NEW YORK STATE FARMERS.

The United States Government ass for increased production of meat a American farmers are degrain. their best and then some more meet the demand of the Governme In New York State the Patrice Farmers Fund has been formed supply money to worthy farmers ! the purchase of sheep, hogs, seed fetilizers and machinery. This organize tion has funds on hand now and appl cations should be made to M. W. Car secretary, Utica, N. Y.

Each hen in her pullet year sho roduce ten dozen eggs. The average size of the backyard flock should ! duce 100 dozen eggs during the year

#### LEGHORNS FOR MEAT

The Leghorn fowl owes its popular ity so largely to its egg producing capacity that the ment possibility of the breed have been neglected most Leghorn breeders. Such for to recognize the potential food vaof birds kept to produce a special ! product may have been excusable a der pre-war conditions, but in the preent need of utilizing to the full ever capacity of every food producing an mal breeders of Leghorns should go due attention to the development their table qualities.

Discussion of the meat value of breed must note and take due accor-Robert S. Bradley, chairman of the of the fact that the markets that become known locally or in spekeeps.



Lovett's Pot Grown Strawberries

# UNCLE SAM WANTS YOU To Produce Big Crops

# GARDEN 6cts. a foot Regular price 150

Save gardens and

Make good lawn mos

It is not too early now to place orders for immediate delivery. In Superior Cuality Chicks Treet August Delivery—Bar Rocks, horns and Reds, \$14 per 11 and -117 via percel post prepar

R. HUMMER & CO., Prenchibant

MONEY **TO GROW** WHEAT

Uncle Sam is asking New York State forme to help him grow more wheat the world greatest breadstuff. If you're hesitating be cause of lack of ready funds, we can help

We will loan, on approved 6% notes, 81 sum needed up to \$10 an acre for wheat ground. No signature but your will be required. You can use the mon buy seed and fertilizer and to pay for lab and labor-saving machinery. The earlier you start, the better the crop

probably be; so write us at once. Tell as ! many acres you intend to plant and much you will need. We also loan money to purchase Hogs are

PATRIOTIC FARMERS FUND

M. W. COLE, Secretary